

Drummond

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Doc/Event #:

NC DENR

Division of Waste Management - Solid Waste

**Environmental Monitoring
Reporting Form**

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- Prepare one form for each individually monitored unit.
- Please type or print legibly.
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i)).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

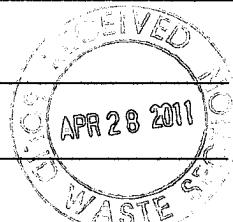
Name of entity submitting data (laboratory, consultant, facility owner):

Environment One Inc.

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Chad Allen Phone: 252-216-6898

E-mail: Chada@darenc.com



Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: .0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Dare County East Lake Landfill	Highway 64	2802	.0500	February 9, 2011

Environmental Status: (Check all that apply)

Initial/Background Monitoring Detection Monitoring Assessment Monitoring Corrective Action

Type of data submitted: (Check all that apply)

Groundwater monitoring data from monitoring wells
 Groundwater monitoring data from private water supply wells
 Leachate monitoring data
 Surface water monitoring data

Methane gas monitoring data
 Corrective action data (specify) _____
 Other(specify) _____

Notification attached?

- No, No groundwater or surface water standards were exceeded.
- Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
- Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Chad Allen

Wastewater Superintendent

252-216-6898

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

Chad Allen

4|26|11

Affix NC Licensed/ Professional Geologist Seal

Signature

Date

Post Office Box 1000 Manteo, NC 27954

Facility Representative Address

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009

**Table of Values Which Exceed Established Standards
And/Or Exceed Reporting Levels**

Facility Name: DARE CO. LANDFILL (EAST LAKE)

Permit #: 2802

Lab ID# 6016

Location	Collection Exceeds Date	Std	Parameter	CAS #	Result, ug/l	NC 2L		NC 2B	
						STD **	NC GWP STD **	NC 2B SWS **	NC 2B SWS **
Well #1 Deep	02/09/2011	Copper		7440-50-8		18	1000		
Well #1 Deep	02/09/2011	Y Nickel		7440-02-0		139	100		
Well #1 Deep	02/09/2011	Zinc		7440-66-6		420	1000		
Well #1 Shallow	02/09/2011	Total Suspended Residue		SW343		33			
Well #1 Shallow	02/09/2011	Y Arsenic		7440-38-2		28	10		
Well #2 Deep	02/09/2011	Y Nickel		7440-02-0		340	100		
Well #2 Deep	02/09/2011	Zinc		7440-66-6		678	1000		
Well #2 Shallow	02/09/2011	Total Suspended Residue		SW343		27			
Well #2 Shallow	02/09/2011	Barium		7440-39-3		107	700		
Well #2 Shallow	02/09/2011	Y Benzene		71-43-2		1.50	1		
Well #2 Shallow	02/09/2011	Y 1,1,1,2-Tetrachloroethane		630-20-6		16.70	1.3		
Well #2 Shallow	02/09/2011	1,4-Dichlorobenzene		106-46-7		3.40	6		
Well #3 Deep	02/09/2011	Copper		7440-50-8		12	1000		
Well #3 Deep	02/09/2011	Zinc		7440-66-6		125	1000		
Well #3 Shallow	02/09/2011	Total Suspended Residue		SW343		36			
Well #3 Shallow	02/09/2011	Barium		7440-39-3		128	700		
Well #4 Deep	02/09/2011	Copper		7440-50-8		14	1000		
Well #4 Deep	02/09/2011	Zinc		7440-66-6		52	1000		
Well #4 Shallow	02/09/2011	Total Suspended Residue		SW343		83			
Well #4 Shallow	02/09/2011	Barium		7440-39-3		120	700		
Well #4 Shallow	02/09/2011	Zinc		7440-66-6		27	1000		
Well #5 Deep	02/09/2011	Y Zinc		7440-66-6		1916	1000		
Well #5 Shallow	02/09/2011	Total Suspended Residue		SW343		29			
Well #5 Shallow	02/09/2011	Barium		7440-39-3		189	700		

** Note: NC 2L STD = NC 2L Ground Water Standard

NC GWP STD = NC Solid Waste Groundwater Protection Standard

NC 2B SWS = NC 2B Surface Water Standard